

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) ~~A portable electronics~~ An input device ~~for controlling electronic equipment,~~ comprising:

a body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a television remote controller communication; and

bioindex detecting means for detecting a pulse wave, the bioindex detecting means located at a rear facing portion opposite to a front facing portion of a casing of the body, the front facing portion including a display screen, ~~said casing of said body including a first sensor on a first side of said body and a second sensor on a second side of said body, said first sensor and said second sensor positioned to be in contact with a hand during the wireless communication,~~

the rear facing portion ~~of the body~~ including a ~~detecting portion comprising~~  
a finger holding cover having an internal surface shape curved to take substantially the same shape as a finger tip shape, and

a finger tip insertion portion formed between the finger holding cover and the rear facing portion, ~~and the electronic equipment including any one of a personal computer, a television image receiver, a video and/or audio signal recording and/or reproducing device, and an air conditioner~~ the bioindex detecting means located within the finger tip insertion portion.

2. (Currently Amended) The input device according to claim 1, ~~wherein the~~ further comprising:

bioindex detecting means ~~detects~~ for detecting at least one of a sweating, a heartbeat, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

3. (Currently Amended) The input device according to claim 1, ~~wherein the~~ further comprising:

bioindex detecting means ~~detects~~ for detecting a Galvanic Skin Reflex or a Galvanic Skin Response between two predetermined points of a ~~palm of the~~ hand.

4. (Canceled)

5. (Currently Amended) The input device according to claim 1, ~~wherein the~~ further comprising:

bioindex detecting means ~~detects~~ for detecting a body temperature.

6. (Currently Amended) The input device according to claim 5, further comprising:  
~~wherein the bioindex detecting means includes~~

finger tip temperature detecting means for detecting a finger tip temperature, provided at a position with which a finger tip comes into contact ~~when the finger tip temperature detecting means is grasped by a finger~~, and

palm temperature detecting means, provided at a position with which a palm comes into contact, for detecting a palm temperature.

7. (Canceled)

8. (Previously Presented) The input device according to claim 42, wherein the selection means compares signal-to-noise ratios of output values detected by the bioindex detecting means to select an output value having a higher signal-to-noise ratio.

9. (Previously Presented) The input device according to claim 42, wherein the selection means compares detection levels of output values detected by the bioindex detecting means to select an output value having a higher detection level.

10. (Previously Presented) The input device according to claim 42, wherein the selection means compares auto-correlation functions of output values detected by the bioindex detecting means to select an output value in which a correlation has been taken to a higher degree.

11. (Previously Presented) The input device according to claim 42, wherein the selection means selects one output from outputs from the bioindex detecting means.

12. (Previously Presented) The input device according to claim 42, wherein the selection means selects, as an output value, a value which has been detected substantially as the same value as another value at the bioindex detecting means.

13. (Previously Presented) The input device according to claim 42, wherein the selection means selects, as an output value, an average value obtained by averaging values detected at the bioindex detecting means.

14. (Currently Amended) The input device according to claim [[1]] 42, wherein the bioindex detecting means includes a plurality of similar bioindex detecting means for detecting a same bioindex.

15. (Currently Amended) The input device according to claim [[1]] 42, ~~wherein the bioindex detecting means includes~~ further comprising:

different kinds of bioindex detecting means for detecting a same bioindex by different techniques.

16. (Currently Amended) The input device according to claim [[1]] 42, ~~wherein the bioindex detecting means includes~~ further comprising:

different kinds of bioindex detecting means for detecting different bioindices.

17-18. (Canceled)

19. (Currently Amended) The input device according to claim [[1]] 42, wherein the bioindex detecting means is hand-held during a control or a steering at any one of machines to be controlled including an automotive vehicle, a train, an airplane, a ship, and an industrial machinery.

20. (Currently Amended) An input method for ~~a portable electronics~~ an input device ~~for controlling electronic equipment~~, the method comprising:

contacting, with a body of ~~a portable electronics~~ the input device, a hand, said body having an interior portion containing electronics that are configured to perform a wireless

communication including at least one of a mobile telephone communication and a remote controller communication; and

detecting, by bioindex detecting means, a pulse wave, the bioindex detecting means located at a rear facing portion opposite to a front facing portion of a casing of the body, the front facing portion including a display screen,

~~the electronic equipment including any one of a personal computer, a television image receiver, a video and/or audio signal recording and/or reproducing device, and an air conditioner, said casing of said body including a first sensor on a first side of said body and a second sensor on a second side of said body, said first sensor and said second sensor positioned to be in contact with the hand during the wireless communication,~~

the rear facing portion of said body including a detecting portion comprising  
a finger holding cover having an internal surface shape curved to take  
substantially the same shape as a finger tip shape, and

a finger tip insertion portion formed between the finger holding cover and the rear facing portion, ~~the finger holding cover and the finger tip insertion portion detecting the pulse wave~~ the bioindex detecting means located within the finger tip insertion portion.

21. (Previously Presented) The input method according to claim 20, further comprising:

detecting at least one of a sweating, a heartbeat, a skin temperature, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

22. (Previously Presented) The input method according to claim 20, wherein the detecting consists of detecting plural bioindex detections, and

the method further comprises:

selecting at least one bioindex information from bioindex information detected at the detecting plural bioindex detections; and

analyzing the at least one bioindex information selected at the selecting.

23. (Previously Presented) The input method according to claim 22, wherein the plural bioindex detections detect the same bioindex.

24. (Previously Presented) The input method according to claim 22, wherein the plural bioindex detections detect the same bioindex by different techniques.

25. (Previously Presented) The input method according to claim 22, wherein the plural bioindex detections detect different bioindices.

26. (Currently Amended) A electronic equipment including an input unit ~~for controlling electronic equipment~~, the input unit comprising:

a body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a remote controller communication; and

bioindex detecting means for detecting a pulse wave, the bioindex detecting means located at a rear facing portion opposite to a front facing portion of a casing of the body, the front facing portion including a display means,

~~said casing of said body including a first sensor on a first side of said body and a second sensor on a second side of said body, said first sensor and said second sensor positioned to be in contact with a hand during the wireless communication, the electronic~~

~~equipment including any one of a personal computer, a television image receiver, a video and/or audio signal recording and/or reproducing device, and an air conditioner, a detection portion comprising~~

a finger holding cover having an internal surface shape curved to take substantially the same shape as a finger tip shape, and a finger tip insertion portion formed between the finger holding cover and the rear facing ~~of the casing portion~~, located at the rear facing portion, ~~of the casing of the body~~ the bioindex detecting means located within the finger tip insertion portion.

27. (Currently Amended) The electronic equipment according to claim 26, ~~wherein~~ the further comprising:

bioindex detecting means ~~detects~~ for detecting at least one of a sweating, a heartbeat, a skin temperature, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

28. (Currently Amended) The electronic equipment according to claim 26, ~~wherein~~ the bioindex further comprising:

detecting means ~~detects~~ for detecting a Galvanic Skin Reflex or a Galvanic Skin Response between two predetermined points of a ~~palm of the~~ hand.

29. (Currently Amended) The electronic equipment according to claim 28, wherein the display means displays a guide display for an operation and information, the ~~bioindex~~ detecting means located at a side surface portion of the casing.

30. (Currently Amended) The electronic equipment according to claim 28, further comprising:

operation means for an operation input, the ~~bioindex~~ detecting means located at a position of a surface of the operation means with which a finger comes into contact ~~with a surface of the operation means~~.

31. (Currently Amended) The electronic equipment according to claim 28, wherein the ~~bioindex~~ detecting means is provided at a corner portion of the casing.

32. (Canceled)

33. (Previously Presented) The electronic equipment according to claim 28, wherein the display means displays a guide display for an operation and information.

34. (Previously Presented) The electronic equipment according to claim 33, wherein light emitting means are provided at an inner surface of the finger holding cover, light receiving means as the bioindex detecting means located at the rear facing portion of the casing opposite to the light emitting means.

35. (Currently Amended) The electronic equipment according to claim 26, ~~wherein~~ the further comprising:

bioindex detecting means ~~detects~~ for detecting a body temperature.



36. (Currently Amended) The electronic equipment according to claim 35, ~~wherein the bioindex detecting means is composed of~~ further comprising:

finger tip temperature detecting means, provided at a position with which a finger comes into contact ~~when the bioindex detecting means is grasped by the finger~~, for detecting a finger tip temperature[[,]]; and

palm temperature detecting means, provided at a position with which a palm comes into contact, for detecting a palm temperature.

37. (Currently Amended) The electronic equipment according to claim 36, wherein the display means displays a guide display for an operation and information, the electronic equipment further comprising:

bioindex detecting means located at a side surface portion with respect to the front facing portion.

38. (Currently Amended) The electronic equipment according to claim 36, further comprising:

operation means, the finger tip temperature detecting means located at a position of a surface of the operation means with which a finger comes into contact ~~with a surface of the operation means~~.

39. (Previously Presented) The electronic equipment according to claim 36, wherein the palm temperature detecting means is provided at a corner portion of an outer peripheral surface side of the casing.

40. (Previously Presented) The electronic equipment according to claim 36, wherein the finger tip temperature detecting means is provided at the rear facing portion of the casing.

41. (Canceled)

42. (Currently Amended) The input device according to claim 1, further comprising:  
bioindex analyzing means for analyzing bioindex information detected by the  
bioindex detecting means; and

selection means for selecting bioindex information from the bioindex information  
detected by the bioindex detecting means, the bioindex analyzing means analyzing the  
bioindex information selected by the selection means.

43. (New) The input device according to claim 1, wherein the input device inputs  
instructions to any one of a personal computer, a television image receiver, a video and/or  
audio signal recording and/or reproducing device, and an air conditioner,

said casing of said body including a first sensor on a first side of said body and a  
second sensor on a second side of said body, said first sensor and said second sensor  
positioned to be in contact with a hand during the wireless communication.